“Provides combat power to the Marine Division during the amphibious assault and, in subsequent operations ashore,……”

MCO O&O

U.S. Marine Corps Tank Fleet

Armor in support of the Marine Riflemen

USMC Agenda

- Tank Distribution
- Firepower Enhancement Program (FEP)
  - Thermal Sight for Commander's .50 Caliber Weapon
- Multi-purpose Tank Blade
- Driver's Vision Enhancer (DVE)
- TI Phone
- Forward Observer/Forward Air Controller (FO/FAC) Radio Suite
- M88A2 HERCULES
- Operation Iraqi Freedom II (OIF II) Lessons Learned

USMC M1A1 Tanks by Unit and Location

1st Tank Bn
Twentynine Palms, CA

2d Tank Bn
Camp Lejeune, NC

4th Tank Bn (MFR)
San Diego, CA

Maritime Pre-positioning Shipping (MPS)
Blount Island, FL

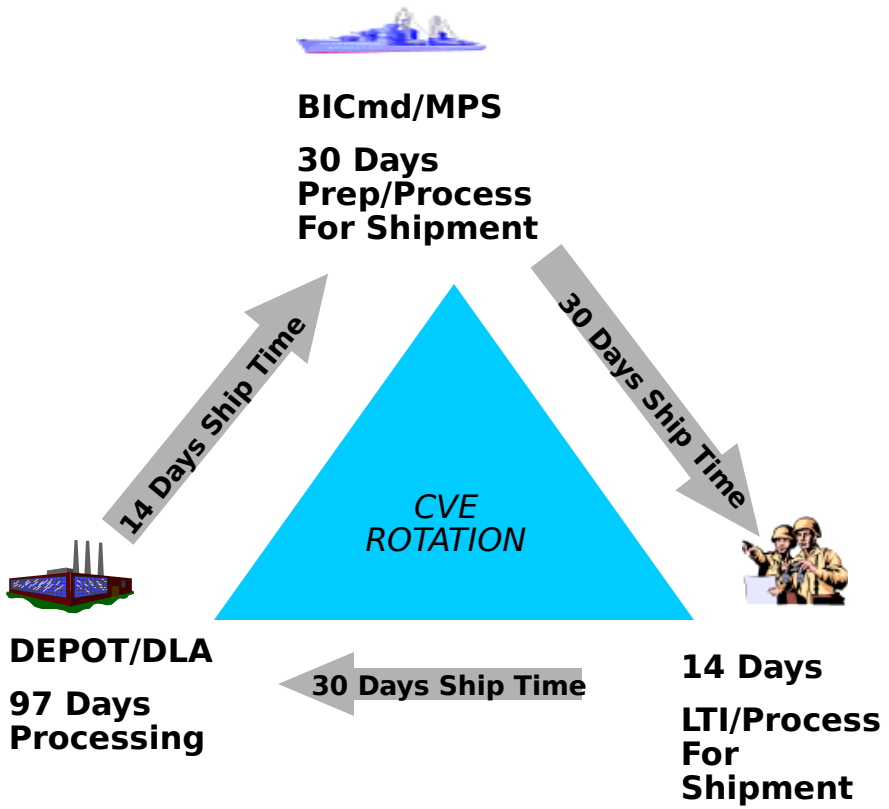
Rebuild Line
Combat Vehicle Evacuation (CVE) Plan

Purpose:

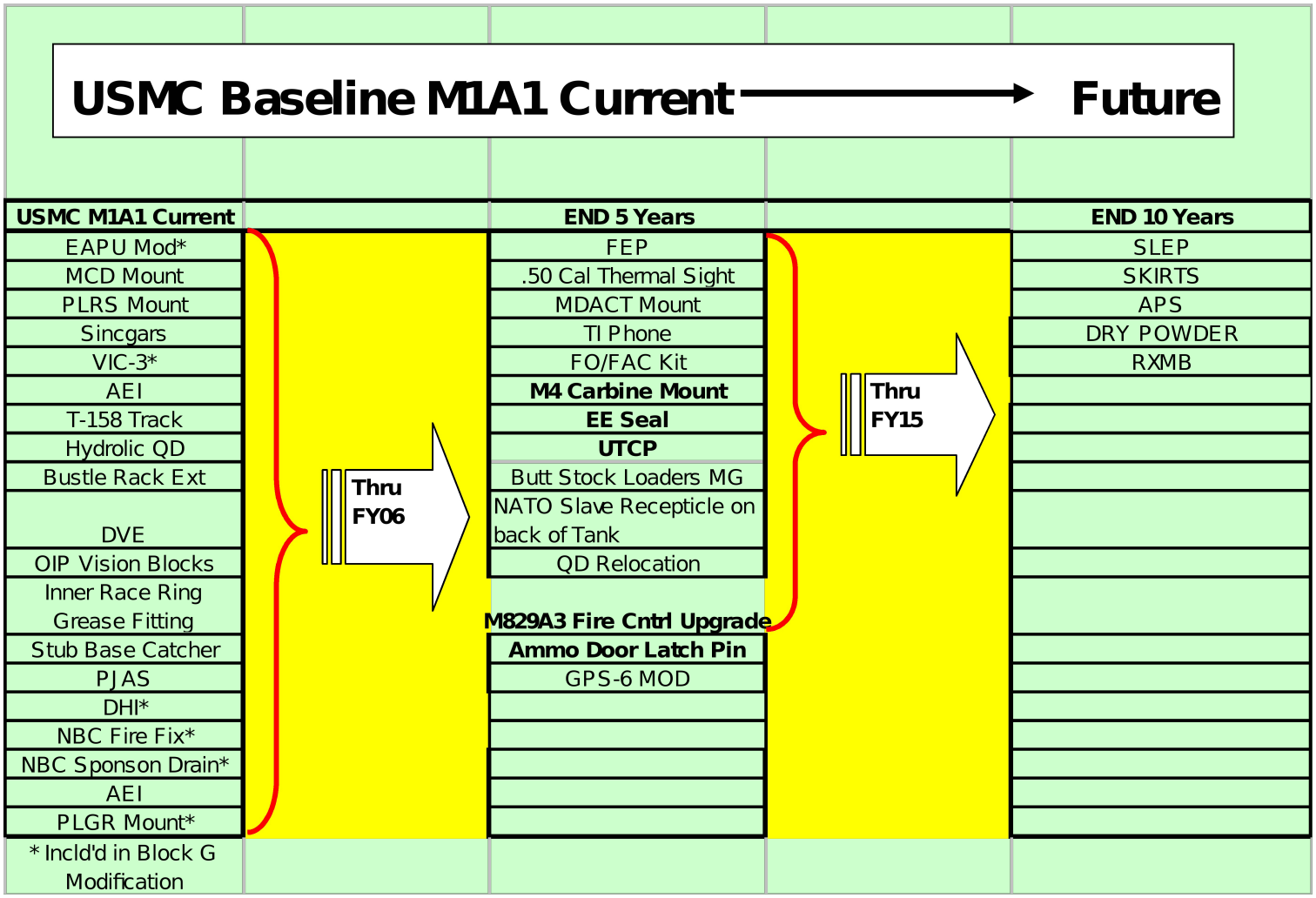
Program rotates vehicles between the Operating Forces, Maritime Pre-positioned Forces (MPF) and the Depot to insure maximum level of readiness and commonality. FY05- 79 tanks funded.

Reference:

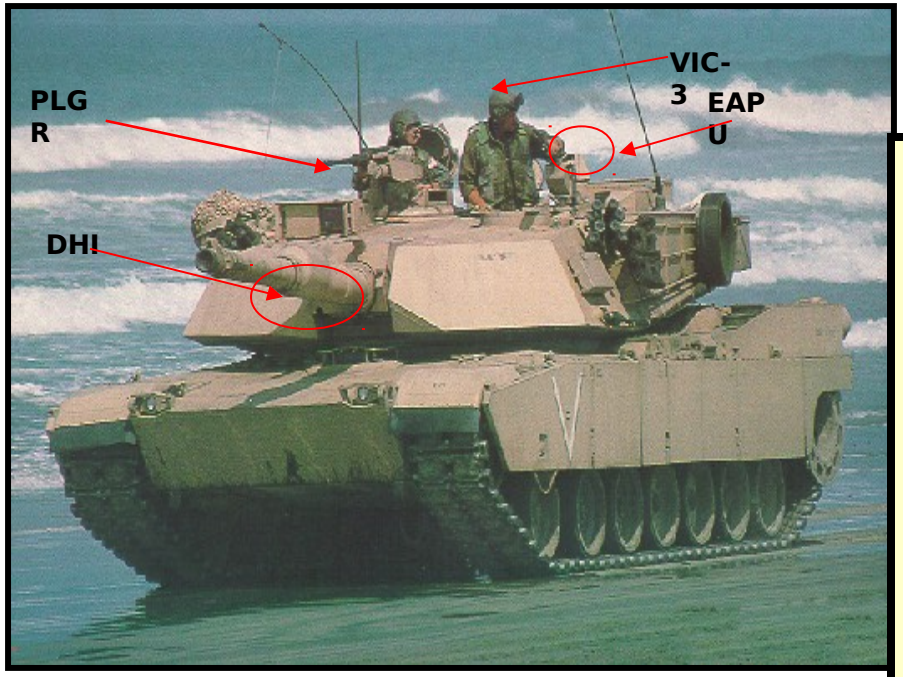
To comply with MCO 4400.194 of 2 Apr 97. Paragraph 2.b states: "Stock rotation programs will be used by all Marine Corps activities to achieve Marine Corps objectives".



Current Programs and Initiatives



M1A1 SAFETY MODIFICATION PROGRAM



Description:

The M1A1 Tank Safety Modifications Program consists of the following six modifications:

– NBC Fire Fix
– NBC Sponson Box Drain.
– External Auxiliary Power Unit (EAPU) Upgrade
– Driver's Hatch Interlock
– AN/VIC-3 (V) 1 Intercom System

– Precision Location GPS Receiver (PLGR) Installation Kit

All of the modifications will become an integral part of the tank and are not stand-alone items.

Firepower Enhancement Program (FEP)

- **Lethality Upgrade**
- **Increases the crew's ability to detect, recognize, and identify targets**
- **Increases all-weather engagement ranges, crew situational awareness and target location accuracy**
- **FEP System includes:**
- **Second-generation thermal sight**
- **North finding/far target location capability**
- **Eye-safe laser range finder**
- **MILESTONE C Approved Nov 04**
- **IOC – FY 06**
- **.50 Cal Thermal Sight**
- **Contract awarded via Night Vision Labs**
- **TESTING FY 05**
- **FIELDING in conjunction with FEP**